Refine Search

Search Results -

Terms	Documents
network ADJ management ADJ tool ANd links	33

Database:
- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L1

Refine Search

Recall Text ⬍   Clear   Interrupt

Search History

DATE: Sunday, May 16, 2004   Printable Copy   Create Case

Set Name Query	Hit Count	Set Name
side by side		result set

DB=USPT; PLUR=NO; OP=OR

| L1 | network ADJ management ADJ tool ANd links | 33 | L1 |

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L2 AND GUI	9

Database:

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US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins
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Search:

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L3
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[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Sunday, May 16, 2004   Printable Copy   Create Case

Set Name Query	Hit Count	Set Name
side by side		result set
DB=USPT; PLUR=NO; OP=OR		
L3 L2 AND GUI	9	L3
L2 L1 AND (user ADJ interface)	21	L2
L1 network ADJ management ADJ tool ANd links	33	L1

END OF SEARCH HISTORY

Hit List

Search Results - Record(s) 1 through 9 of 9 returned.

☑   1.   Document ID: US 6708224 B1

L3: Entry 1 of 9   File: USPT   Mar 16, 2004

US-PAT-NO: 6708224
DOCUMENT-IDENTIFIER: US 6708224 B1

TITLE: Methods, systems and computer program products for coordination of operations for interrelated tasks

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsun; William	Cary	NC		
Chandra; Vikas	Cary	NC		
Wood; John Lee	Raleigh	NC		
Schwaller; Peter James	Raleigh	NC		

US-CL-CURRENT: 719/316; 717/127

ABSTRACT:

Methods, systems and computer program products are provided which coordinate operations for a plurality of interrelated tasks executing on a computer using actual state objects and desired state objects. For each event including coordination between two of the plurality of interrelated tasks, a first (or initiator) task initiates operations by a second (or executor) task to carry out a desired sequence of operations. The initiator task sets a desired state object to the desired state and submits a request to the executor task. The executor task, in turn, operates on the request in order to update an actual state object to the desired state stored in the desired state object by the initiator task. Write control over the desired state object is therefore granted to the initiator task while write control over the actual state object is granted to the executor task. A transitional state may be provided for the actual state object during the time period while the executor task is carrying out the operations necessary to change from the actual state to the desired state. Different restrictions on operations related to the associated object may be provided while the actual state object is in the transitional state. Also provided are systems, methods and computer program products for monitoring a task executing on a computer which utilizes a work in process queue and a work pending queue and restarting the task if it is not executing properly.

17 Claims, 7 Drawing figures
Exemplary Claim Number: 1

Number of Drawing Sheets: 7

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│ Full │ Title │ Citation │ Front │ Review │ Classification │ Date │ Reference │ Sequences│ Abstracts│ Claims │ KWIC │ Draw Dr │
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☐ 2. Document ID: US 6633909 B1

L3: Entry 2 of 9   File: USPT   Oct 14, 2003

US-PAT-NO: 6633909
DOCUMENT-IDENTIFIER: US 6633909 B1

TITLE: Notification method that guarantees a system manager discovers an SNMP agent

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barrett; Jeffrey Lee	Wake Forest	NC		
Chu; Simon C.	Chapel Hill	NC		
Doria; David Joseph	Raleigh	NC		
Gaskins; Christopher C.	Cary	NC		
Macon, Jr.; James Franklin	Apex	NC		
Margosian; Gregg Matthew	Raleigh	NC		
Primm; Michael Robert	Apex	NC		
Pruett; Gregory Brian	Raleigh	NC		
Yang; Jianping	Raleigh	NC		

US-CL-CURRENT: 709/224; 709/223

ABSTRACT:

A method for a guaranteeing a network manager discovers SNMP agents on a communications network. Each SNMP agent transmits a trap to the network manager. The trap contains the network manager's IP address and the SNMP agent's identifying information, including its IP address. When the trap is received at the network manager, it is parsed for the agent identifying information, which is compared against a list of previously identified/discovered agents. If the agent identifying information is not found, i.e., if the agent is a newly discovered agent, the network manager adds the agent to the list of discovered agents. The agent is then registered/stored in the discovered agents file. When the trap does not include sufficient identifying information, the network manager sends a query to the agent to extract additional identifying information. The system manager is thus able to discover all connected agents without broadcasting a query message.

18 Claims, 4 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

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┌──────┬───────┬──────────┬───────┬────────┬────────────────┬──────┬───────────┬──────────┬──────────┬────────┬──────┬─────────┐
│ Full │ Title │ Citation │ Front │ Review │ Classification │ Date │ Reference │ Sequences│ Abstracts│ Claims │ KWIC │ Draw Dr │
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☐ 3. Document ID: US 6574661 B1

L3: Entry 3 of 9   File: USPT   Jun 3, 2003

US-PAT-NO: 6574661
DOCUMENT-IDENTIFIER: US 6574661 B1

TITLE: Integrated proxy interface for web based telecommunication toll-free network management using a network manager for downloading a call routing tree to client

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Delano; P. Alex	Colorado Springs	CO		
Devine; Carol Y.	Colorado Springs	CO		
Hall; Robert W.	Colorado Springs	CO		
Pfister; Robert A.	Colorado Springs	CO		
Venn; Garrison M.	Breckenridge	CO		

US-CL-CURRENT: 709/223; 379/219, 379/235, 379/267, 709/224, 709/226, 709/229, 709/244

ABSTRACT:

A Web/Internet based toll-free network management tool that enables customers of telecommunications network providers to modify the configuration of their toll-free networks via a Web/Internet-based graphical user interface. The tool provides customers Web/Internet access to toll-free call routing plans and associated routing plan details via a secure Web/Internet-based connection, and additionally provides a customer with the ability to specify implementation of a specific call routing plan for a toll-free number at a predetermined time, and the ability to re-configure an existing call routing plan. Additionally, the tool enables a roll-back of a particular call-routing plan or call plan detail to a prior configuration at a user-specified time.

34 Claims, 17 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 15

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 4. Document ID: US 6513047 B1

L3: Entry 4 of 9   File: USPT   Jan 28, 2003

US-PAT-NO: 6513047
DOCUMENT-IDENTIFIER: US 6513047 B1

TITLE: Management of user-definable databases

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Talley; Stephen C.   Colorado Springs   CO

US-CL-CURRENT: 707/200; 707/104.1

ABSTRACT:

A method and computer program product for managing and manipulating user-defined
and system databases in a computing system. A database interface, which can be a
graphical user interface, accesses a database configuration file containing
descriptions of the contents of each of the databases. The database interface
interprets the contents of each database in accordance with the configuration file,
and provides for user access and manipulation of the contents of the databases.

16 Claims, 9 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De |

☐ 5. Document ID: US 6490620 B1

L3: Entry 5 of 9   File: USPT   Dec 3, 2002

US-PAT-NO: 6490620
DOCUMENT-IDENTIFIER: US 6490620 B1

TITLE: Integrated proxy interface for web based broadband telecommunications
management

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Ditmer; Christine M.   Fairview   TX
King; Randall W.   Plano   TX
Kennington; W. Russell   Plano   TX
Pirtle; Patrick W.   Dallas   TX
Wells; Diane J.   Allen   TX

US-CL-CURRENT: 709/224; 709/223, 709/226

ABSTRACT:

A Web/Internet-based performance reporting and trouble shooting tool that enables
customers to understand the performance of their broadband telecommunications data
networks via a graphical user interface. The tool is an object-oriented client
server application that provides customers Web/Internet access to real-time SNMP
alarms, real-time events, and near real-time performance statistics and
configuration reports pertaining to their virtual transport networks including ATM,
Frame-Relay and other broadband networks. Messaging is employed to enable specific

report option presentation, ad-hoc report customization and report execution options. A Web/Internet-based reporting system infrastructure is provided that enables the secure initiation, acquisition, and presentation of customer reports to via a Web browser.

23 Claims, 34 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 34

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 6. Document ID: US 6449643 B1

L3: Entry 6 of 9   File: USPT   Sep 10, 2002

US-PAT-NO: 6449643
DOCUMENT-IDENTIFIER: US 6449643 B1

TITLE: Access control with just-in-time resource discovery

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Hyndman; Arn Close	Ottawa			CA
Walls; Gordon F.	Kanata			CA

US-CL-CURRENT: 709/223; 709/226

ABSTRACT:

An access control system for a network manager system provided with a plurality of building blocks (BBs), each specialized for executing a plurality of functions on a plurality of resources of the network, and with a graphical user interface (GUI). Each BB comprises a database for storing access control data pertinent to said component including all resources accessible to the BB, all functions executable by the BB and all users that have the right to use the BB, according to privileges allocated to each user. The BB also comprises an access control library for writing and reading the access control data to and from the database for execution of a network operation according to the respective privileges. The access control system further comprises an access control user interface connected to the access control library of each BB, for viewing and editing the access control data on the GUI.

16 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 10

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 7. Document ID: US 6381644 B2

L3: Entry 7 of 9   File: USPT   Apr 30, 2002

US-PAT-NO: 6381644
DOCUMENT-IDENTIFIER: US 6381644 B2

TITLE: Integrated proxy interface for web based telecommunications network
management

DATE-ISSUED: April 30, 2002

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Munguia; Wayne J.	Colorado Springs	CO		
Pfister; Robert A.	Colorado Springs	CO		
Suscheck; Charles A.	Colorado Springs	CO		

US-CL-CURRENT: 709/225; 709/229, 713/201

ABSTRACT:

A web/Internet-based Outbound Network Management tool that enables customers of
telecommunications network providers to modify outbound access to their virtual
networks via a Web/Internet-based graphical user interface. Via a secure
Web/Internet-based connection, the tool enables customers to add, create, modify or
view their outbound network telecommunications network assets including: calling
party numbers, calling cards, virtual network dialing plans, and their Code ID/Set
attributes and features associated with their virtual networks.

17 Claims, 24 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 24

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D |

☐ 8. Document ID: US 6112015 A

L3: Entry 8 of 9   File: USPT   Aug 29, 2000

US-PAT-NO: 6112015
DOCUMENT-IDENTIFIER: US 6112015 A

TITLE: Network management graphical user interface

DATE-ISSUED: August 29, 2000

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Planas; Miguel Alberto	Ottawa			CA
Talbott; Doug Edward	Kanata			CA

US-CL-CURRENT: 709/223; 345/735, 345/764, 345/808, 345/835, 345/854, 709/220,

709/224

ABSTRACT:

A method is provided for graphically depicting detailed state and status
information for network objects, particularly network objects forming part of a
telecommunications network. A graphical representation of a network is displayed in
which a basic icon is displayed for each network object. More commonly occurring
state and status combinations are conveyed by imparting attributes to the basic
icons such as dashed, solid, or three dimensional outlines. Less commonly occurring
state and status combinations are conveyed by attaching modifier icons to the basic
icons. The method is particularly suited to providing a detailed visual
representation of the states and statuses included in the OSI standard.

47 Claims, 36 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 31

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 9. Document ID: US 5889954 A

L3: Entry 9 of 9   File: USPT   Mar 30, 1999

US-PAT-NO: 5889954
DOCUMENT-IDENTIFIER: US 5889954 A

TITLE: Network manager providing advanced interconnection capability

DATE-ISSUED: March 30, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gessel; Robert J.	Plano	TX		
Autrey; Thomas Kevin	Dallas	TX		

US-CL-CURRENT: 709/223; 370/467, 370/469, 703/16, 703/23

ABSTRACT:

A network manager for configuring and controlling a simulated telecommunications
network having a plurality of nodes which communicate in a plurality of
communications protocols. The network manager dynamically connects and disconnects
each of the plurality of nodes to the network. The network manager also determines
which of the plurality of communications protocols is utilized by each of the
plurality of nodes, establishes connections between nodes which communicate in
compatible communications protocols, and denies connections requested between nodes
which communicate in incompatible communications protocols. The network manager
includes a Design function and a Supervisory function. The Design function sets up
the network, defines nodes, defines which nodes are to operate on which
workstations, and establishes connections. The Supervisory function manages and
operates the network. This includes launching the network, monitoring the nodes and
links, and reconfiguring the network when requested. The Supervisory function
initiates each node, dynamically takes nodes down and brings them back up again,

severs <u>links</u> and reinstates them, and provides an operator with status information for each node and each link in the network. A Graphical <u>User Interface</u> is provided for operator interaction with the network manager.

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38 Claims, 13 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 12
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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